

[Name of Document]        CLAIMS

[Claim 1]

A disk apparatus comprising a chassis outer sheath having a base body and a lid, in which a front surface of said chassis outer sheath is formed with a disk inserting opening into which a disk is directly inserted, a connector is disposed on a rear surface of said chassis outer sheath, a traverse is disposed on the side of said disk inserting opening, a printed board is disposed on the side of said connector, said traverse holds a spindle motor, a pickup and drive means which moves said pickup, said spindle motor is disposed at a central portion of said base body, a discharging lever which discharges a disk is provided on a side of said base body, a limiting lever which limits insertion of the disk is provided on the side of a rear surface of said base body, and a rear base is provided at a location which is not superposed on said traverse and at a location covering said printed board, wherein

one of a lower surface of said discharging lever and an upper surface of said rear base is projected to form a discharging lever sliding surface on said rear base,

one of a lower surface of said limiting lever and the upper surface of said rear base is projected to form a limiting lever sliding surface on said rear base,

a plurality of openings are formed in said rear base, and said openings are formed on opposite sides of said discharging lever sliding surface, and said openings are also formed on opposite sides of said limiting lever sliding surface.

[Claim 2]

The disk apparatus according to claim 1, wherein said openings are formed such that a gross area of said openings is greater than a surface area of said rear base.

[Claim 3]

The disk apparatus according to claim 1, wherein said base body is formed with a plurality of openings.

[Claim 4]

The disk apparatus according to claim 3, wherein said openings of said base body are formed at a location of said spindle motor.

[Claim 5]

The disk apparatus according to claim 3, wherein said openings are formed such that a gross area of said openings provided in a base body region where said printed board of said base body is disposed is greater than a gross area of said openings provided in the base body region where said printed board of said base body is not disposed.

[Claim 6]

The disk apparatus according to claim 1, wherein said base body is formed with a deep bottom and a shallow bottom,

said shallow bottom is disposed on a side of said deep bottom,

said shallow bottom includes a connection end which is connected to said deep bottom, an opposed end which is not connected to said deep bottom, and an inclined end which is adjacent to said connection end and said opposed end,

said opposed end is formed with a rising portion extending toward said lid,

a plurality of shallow bottom side connection pieces extending toward said deep bottom are formed on an upper end of said rising portion,

one of said shallow bottom side connection pieces is provided on an end of an opposed end which is connected to said inclined end,

said base body and said lid are fastened to each other by said shallow bottom side connection piece

a plurality of deep bottom side connection pieces which are parallel to a surface of said deep bottom are formed on an

upper end of a sidewall of said deep bottom on the side of its rear surface,

one of said deep bottom side connection pieces is provided on a corner on the side of said shallow bottom, and

said base body and said lid are fastened to each other by said deep bottom side connection piece.

[Claim 7]

The disk apparatus according to claim 1, wherein a hook which engages the sidewall of said base body on the side of its rear surface is provided on a central portion of the sidewall of said lid on the side of the rear surface, and another hook which engages the sidewall of said base body is provided on a sidewall of said lid on the side of said deep bottom.